Product Data Sheet

marathon®
— Special Products

Power Terminal Block
132x587

Replace "x" with 1, 2 or 3 for number of poles.
132x587CH" for attached hinged cover

Wire Range

- Line: (1) 2/0 - #14 AWG
- Load: (2) #4 - #14 AWG
            (6) #8-14 AWG

Electrical Ratings

- 175 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C applications
- Short circuit current ratings (SCCR) of 10,000 A (default for terminal blocks)
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
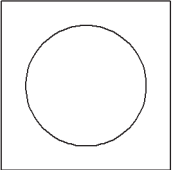- Factory & Field Wiring

Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
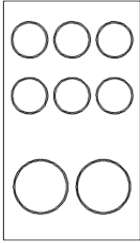
Material Information

- Insulator base:
    - Thermoplastic
    - Flammability rating of insulator base UL94V0
    - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: plated aluminum
- Terminal set screws: plated steel
- Connector mounting screws: plated steel
- RoHS compliant

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Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) [1]
	2/0 - 1/0	13.6 N·m (120 lbf·in)	1	B, C
	1 - 6	13.6 N·m (120 lbf·in)	1	B, C, G, H, I
	8	4.5 N·m (40 lbf·in)	1	B, C, G, H, I
	10 - 14	4.0 N·m (35 lbf·in)	1	B, C, G, H, I

- Aluminum stranded wire range: 2/0 - 6 AWG
- Copper solid wire range: 10 - 14 AWG
- Wire strip length: 13/16 in. (20.5mm)
- Terminal screw drive: 3/16 hex

Load Side	Terminal	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) [1]
	#4-14 (Two Large)	#4	4.0 N·m (35 lbf·in)	1	B, C
		#6 - 14	4.0 N·m (35 lbf·in)	1	B, C, G, H, I
	#8-14 * (Six Small)	#8	1.4 N·m (12 lbf·in)	1	B, C
		#10 - 14	1.4 N·m (12 lbf·in)	1	B, C, G, H, I

- *The smaller #8-14 terminal is suitable for a maximum of 40A per conductor
- Aluminum stranded wire range: #4 - 6 AWG (#4 Terminal only)
- Copper solid wire range: 10 - 14 AWG
- Wire strip length:
  - Top 7/16 in. (11 mm)
  - Middle 13/16 in. (20.5mm)
  - Bottom 13/16 in. (20.5mm)
- Terminal screw drive:
  - 1/8 in hex drive (two large)
  - 5/64 in hex drive (six small)

[1] For information on copper stranded wire classes please reference:
http://www.marathonsp.com/blog/flexible-stranded-wire.php

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Installation & Accessories

- Mounting (Panel or Din):
    - For use with #10 fastener
    - Mounting torque to be determined in end use application not to exceed 30 lbf in (3.4 Nm)
    - 7.5 X 35 mm din rail mountable

- Covers:
    - Snap on, hinge covers available upon request
    - Catalog Number: CH132x (replace "x" with number of poles)
    - Covers are black thermoplastic
    - Accessory covers are not intended to provide insulation for electrical spacings.

- Insulator base adders and 1 pole product can be snapped together through integral dovetails to create variable pole power blocks.

- Terminal Allen wrench sizes:
    - Line side - 3/16 in hex
    - Load side (#4-14) - 1/8 in hex
    - Load side (#8-14) - 5/64 in hex

Drawing